

Register. Reuse. Recycle.

Reducing the Environmental Impact of Quick Service Restaurants (QSRs)

While plastics are hygienic, convenient and low cost, single use plastics are one of the biggest causes of ocean pollution.

by **2050**
there could be
more plastics in
the sea than fish
(WWF, by weight)

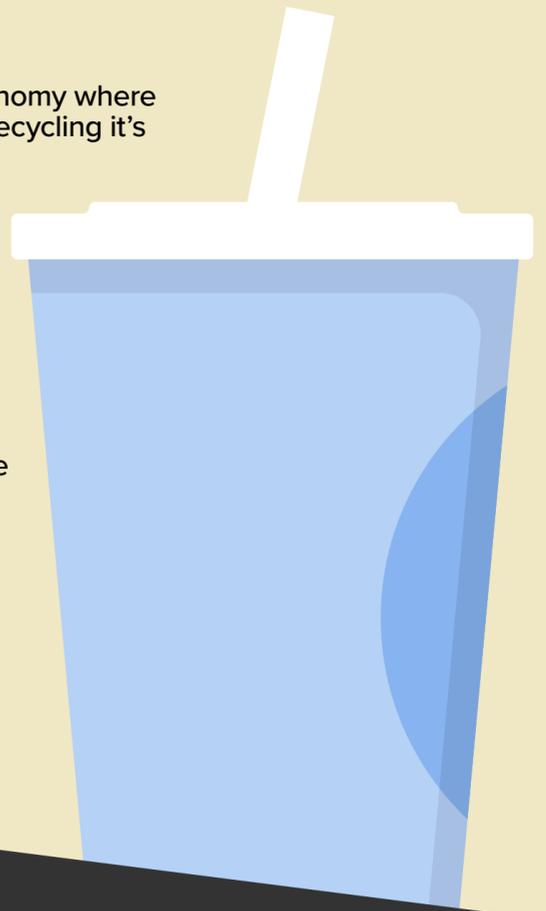
more than
8 million
tonnes of plastics
enter the oceans
every year
(earth.org)

88%
of coastal waste
comes from
fast-food sources
(university of Cadiz)

Net zero initiatives, interest from customers, and single use plastic legislation are seeing QSRs embrace reusable plastics.

While this is good for the environment, promising a circular economy where plastics are tracked from manufacture, through reuse and into recycling it's a challenge for restaurants. **They need to:**

- ✓ Count how many times items are used
- ✓ Ensure they're recycled in line with usage policies
- ✓ Track each item when it leaves for cleaning
- ✓ Count items each day to ensure there's enough for service
- ✓ Restrict the number of plastics that reach landfill
- ✓ Provide audit trails to comply with legislation



Introducing the better way to account for plastic usage

In response to requests from our QSR customers, we've created a simple, heavily automated way to create a circular economy for your plastics from production, through reuse and recycling.

1. Identifying:

All your plastic items have a unique RFID tag embedded during manufacture. It's unique to you and the item is secure and dishwasher proof

2. Tracking:

Every time items are sent for washing (typically overnight) your team can read the tags using handheld devices. And when they come back in, labels are read again to ensure you've enough stock for the day.

5. Complying:

Our solution automatically creates an audit trail for every item from production to multiple reuse and through to recycling.

Our simple, 5-step solution

4. Recycling:

You can decide how many times plastics should be reused. Our software lets you know when the limit's approaching and can even trigger a new order from your manufacturing partner.

3. Monitoring:

Fixed RFID readers at your bins alert your teams via screens or their mobile devices if reusable plastics have been placed in the bin. These can be retrieved.

